

29/2/04 PDR
S arch Terms

1	ARRAY
2	ARRAYS
3	BOARD
4	COMPUTER
5	HEAT
6	HEATER
7	HEATERS
8	HEATING
9	MATERIAL
10	MATERIALS
11	MICROCOMPUTER
12	MICROCONTROLLER
13	MICROPROCESSOR
14	MUX
15	MUXING
16	MUXLEXOR
17	ROUTE
18	ROUTING
19	SAMPLES
20	SENSED
21	SENSING
22	SENSOR
23	SENSORS
24	SUBSTRATE
25	SUBSTRATES
26	TEMPERATURE
27	TEMPERATURES

	T tal	USPAT	US-PGPU	EPO	JPO	Derw nt	IBM TDB
1	452327						
2	115095						
3	738116						
4	782193						
5	2249426						
6	349121						
7	71398						
8	1346135						
9	4429830						
10	1628813						
11	129486						
12	20620						
13	203018						
14	91941						
15	60339						
16	19						
17	178415						
18	62985						
19	367671						
20	200497						
21	384974						
22	946556						
23	342914						
24	1319444						
25	262343						
26	2092742						
27	588360						

		Search Terms
28	TEST	
29	TESTING	
30	TESTS	
31		((((((MULTIPLEXOR OR MULTIPLEXING OR ROUTING OR ROUTE OR MULTIPLEXER) AND ((ARRAYS OR ARRAY) SAME BOARD) SAME (SENSED OR SENSORS OR SENSING OR SENSOR)) AND (MICROCONTROLLER OR MICROCOMPUTER OR MICROPROCESSOR OR COMPUTER)) AND (TESTS OR TESTING OR TEST)) AND (SUBSTRATES OR SUBSTRATE) AND (TEMPERATURES OR TEMPERATURE)) AND (HEATERS OR HEATER OR HEATING OR HEAT)) AND (SAMPLES R MATERIALS OR MATERIAL))

	U	1	Docum	nt ID	I	u	Dat	Pages	Title	Curr	nt OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US	20010039824				45	Handheld sensing apparatus		
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US	20010025928				27	Semiconductor gamma-ray camera and medical imaging system		

Current XR f	Retrieval Classif	Inv ntor	C	P	2	3	4	5
1	Sunshine, Steven A. , Steinthal, M. Gregory , et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2	Lingren, Clinton L. , Friesenhahn, Stanley J. , et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

U	1	Document ID	Issue Date	Page s	Title	Curr nt OR
3					Multiplexed active biologic array	436/149

	Current XR f	R tri val Classif	Invent r	S	C	P	2	3	4	5
	204/412									
	204/413									
	422/82.01									
	422/82.02									
	422/82.03									
	422/82.05									
	436/106									
	436/107									
	436/108									
	436/111									
	436/127									
	436/128									
	436/131									
	436/150									
	436/151									
	436/164									
	436/172									
	436/501									
	436/518									
	436/73									
	436/79									
	436/86									
	436/89									
	436/93									
	436/94									
	436/95									

U	1	D	ument ID	I	ue Date	Page	s	Title	Curr nt OR
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6234006 B1	20010522				Handheld sensing apparatus	73/29.01
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6194715 B1	20010227	27			Semiconductor gamma-ray camera and medical imaging system	250/252.1
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6172362 B1	20010109				Semiconductor gamma-ray camera and medical imaging system	250/252.1
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6170318 B1	20010109				Methods of use for sensor based fluid detection devices	73/23.34
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6157621 A	20001205				Satellite communication system	370/310
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6141034 A	20001031				Immersive imaging method and apparatus	348/36
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6091070 A	20000718				Semiconductor gamma-ray camera and medical imaging system	250/370.09

	Current XRef	Re tri val Classif	Inventor	S	C	P	2	3	4	5
	422/83		Sunshine, Steven A. , et al.	<input type="checkbox"/>						
4	; 600/532 ; 73/31.05 ; 73/53.01 ; 73/61.45 ; 73/61.75			<input type="checkbox"/>						
5	250/370.01 ; 250/370.09		Lingren, Clinton L. , et al.	<input type="checkbox"/>						
6	250/370.01 ; 250/370.09 ; 250/370.11 ; 250/370.13		Lingren, Clinton L. , et al.	<input type="checkbox"/>						
7	340/632 ; 422/98		Lewis, Nathan S.	<input type="checkbox"/>						
8	370/394 ; 370/400 ; 370/474		Brown, Alison K. , et al.	<input type="checkbox"/>						
9	348/48		McCutchen, David	<input type="checkbox"/>						
10	250/370.01		Lingren, Clinton L. , et al.	<input type="checkbox"/>						

	U	1	Do	um	nt	ID	I	su	Date	Pages	Title	Curr nt OR
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6085576 A	200000711							Handheld sensing apparatus	73/29.01
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6080984 A	200000627							Semiconductor gamma-ray camera and medical imaging system	250/252.1
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6057870 A	200000502							Ribbon drive system for a thermal demand printer	347/171
14	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6053405 A	200000425							Electronic verification machine for documents	235/375
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6034708 A	200000307							Ribbon drive for a thermal demand printer	347/217
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6020906 A	200000201							Ribbon drive system for a thermal demand printer	347/217
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5997044 A	199911207							Document structure with circuit elements	283/83
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5995128 A	19991130							Ribbon drive for a thermal demand printer	347/217

	Currtnt XRef	Rtri val Classif	Inventor	S	C	P	2	3	4	5
	340/634 ; 422/83 ; 73/23.2		Sunshine, Steven A. , et al.	<input type="checkbox"/>						
11	; 73/31.05 ; 73/53.01 ; 73/61.45 ; 73/61.75			<input type="checkbox"/>						
12	250/363.05 ; 250/363.07 ; 250/363.09 ; 250/369 ; 250/370.09 ; 250/370.11		Friesenhahn, Stanley J.	<input type="checkbox"/>						
13	347/222		Monnier, Dan E. , et al.	<input type="checkbox"/>						
14	235/441		Irwin, Jr., Kenneth E. , et al.	<input type="checkbox"/>						
15	400/225 ; 400/236 ; 400/236.2		Adams, Vincent C. , et al.	<input type="checkbox"/>						
16	242/571 ; 242/571.4 ; 242/571.5 ; 242/573.9		Adams, Vincent C. , et al.	<input type="checkbox"/>						
17	283/100 ; 283/901 ; 283/903		Behm, William F. , et al.	<input type="checkbox"/>						
18	242/415.1 ; 400/234		Adam , Vinc nt C. , et al.	<input type="checkbox"/>						

	U	1	D	cum	nt	ID	I	sue	Dat	Page	s	Title	Current OR
19	<input checked="" type="checkbox"/>		<input type="checkbox"/>	US	5985214	A	19991116					Systems and methods for rapidly identifying useful chemicals in liquid samples	422/65

	Current XRef	R trieval Classif	Inventor	S	C	P	2	3	4	5
	422/63 ; 422/66 ; 422/67 19 ; 700/112 ; 700/214		Stylli, Chari , et al.	<input type="checkbox"/>						

U	1	Document ID	Issue Date	Pages	Title	Curr nt OR
20	<input checked="" type="checkbox"/> <input type="checkbox"/>	US 5965452 A	19991012		Multiplexed active biologic array	436/149
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5909233 A	19990601	Media transfer system for a thermal demand printer	347/188
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5874980 A	19990223	Thermal demand printer	347/186

Current XRef	Retrieval Classif	Inventor	C	P	2	3	4	5
204/412								
; 204/413								
; 422/82.01								
; 422/82.02								
; 422/82.03								
; 422/82.05								
; 436/106								
; 436/107								
; 436/108								
; 436/111								
; 436/127								
; 436/128								
; 436/131								
; 436/150								
; 436/151								
; 436/164								
; 436/172								
; 436/501								
; 436/518								
; 436/73								
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; 436/86								
; 436/89								
; 436/93								
; 436/94								
; 436/95								
20								
21								
22								

U	1	D	cument	ID	Is	ue	Date	Page	s	Title	Curr	nt	OR
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5872585 A	19990216					Media sensor for a thermal demand printer	347/218		
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5847396 A	19981208					Semiconductor gamma-ray camera and medical imaging system	250/369		
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5818019 A	19981006					Electronic verification machine for validating a medium having conductive material printed thereon	235/375		
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5811808 A	19980922					Infrared imaging system employing on-focal plane nonuniformity correction	250/332		
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5790162 A	19980804					Door structure for a thermal demand printer	347/222		
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5786597 A	19980728					Semiconductor gamma-ray camera and medical imaging system	250/370.09		
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5742060 A	19980421					Medical system for obtaining multiple images of a body from different perspectives	250/370.09		
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US	5657066 A	19970812					Thermal demand printer	347/198		

	Current XRef	Retri val Classif	Inv ntor	S	C	P	2	3	4	5
23	400/708 ; 400/709		Donato, Daniel F. , et al.	<input type="checkbox"/>						
24	250/366		Lingren, Clinton L. , et al.	<input type="checkbox"/>						
25	235/440 ; 235/441 ; 235/451 ; 235/492 ; 340/5.86		Irwin, Jr., Kenneth E. , et al.	<input type="checkbox"/>						
26	250/349 ; 250/370.08		Cannata, Robert F. , et al.	<input type="checkbox"/>						
27	16/225 ; 16/227 ; 400/692 ; 400/693 ; D8/325		Adams, Vincent C. , et al.	<input type="checkbox"/>						
28	250/370.01		Lingren, Clinton L. , et al.	<input type="checkbox"/>						
29	250/363.09 ; 250/366		Ashburn, William L.	<input type="checkbox"/>						
30			Adams, Vincent C. , et al.	<input type="checkbox"/>						

U	1	Document ID	Issue Date	Page	Title	Current OR
31	<input checked="" type="checkbox"/>	US 5621200 A	19970415		Electronic verification machine for validating a medium having conductive material printed thereon	235/375
32	<input checked="" type="checkbox"/>	US 5599046 A	19970204		Lottery ticket structure with circuit elements	283/83
33	<input checked="" type="checkbox"/>	US 5526141 A	19960611		Original image reading apparatus having device for conveying an original	358/496
34	<input checked="" type="checkbox"/>	US 5475205 A	19951212		Document verification system	235/375
35	<input checked="" type="checkbox"/>	US 5471039 A	19951128		Electronic validation machine for documents	235/441
36	<input checked="" type="checkbox"/>	US 5189528 A	19930223		Image reading apparatus	358/448

	Curr nt XR f	Retri val Classif	Inventor	S	C	P	2	3	4	5
31	235/440 ; 235/441 ; 235/451 ; 235/492 ; 340/5.86	Irwin, Jr., Kenneth E. , et al.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
32	283/100 ; 283/901 ; 283/903	Behm, William F. , et al.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
33	358/498	Ogura, Makoto , et al.								
34	235/440 ; 235/441 ; 235/451 ; 235/492 ; 340/5.86	Behm, William F. , et al.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
35	235/375 ; 235/451 ; 235/492 ; 340/5.86	Irwin, Jr., Kenneth E. , et al.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							
36	358/461 ; 358/464	Takashima, Izumi , et al.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>							

	U	1	Document ID	Issue Date	Pages	Title	Current OR
37	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5157255 A	19921020		Compact, thermally efficient focal plane array and testing and repair thereof	250/252.1
38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5146303 A	19920908		Compact, thermally efficient focal plane array and testing and repair thereof	257/459
39	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 4412288 A	19831025		Experiment-machine	600/342

	Curr nt XRef	R tri val Cla sif	Inv ntor	S	C	P	2	3	4	5
37	250/332		Kornrumpf, William P. et al.	<input type="checkbox"/>						
38	250/332 ; 257/747		Kornrumpf, William P. et al.	<input type="checkbox"/>						
39	128/920 ; 378/4		Herman, Michael	<input type="checkbox"/>						